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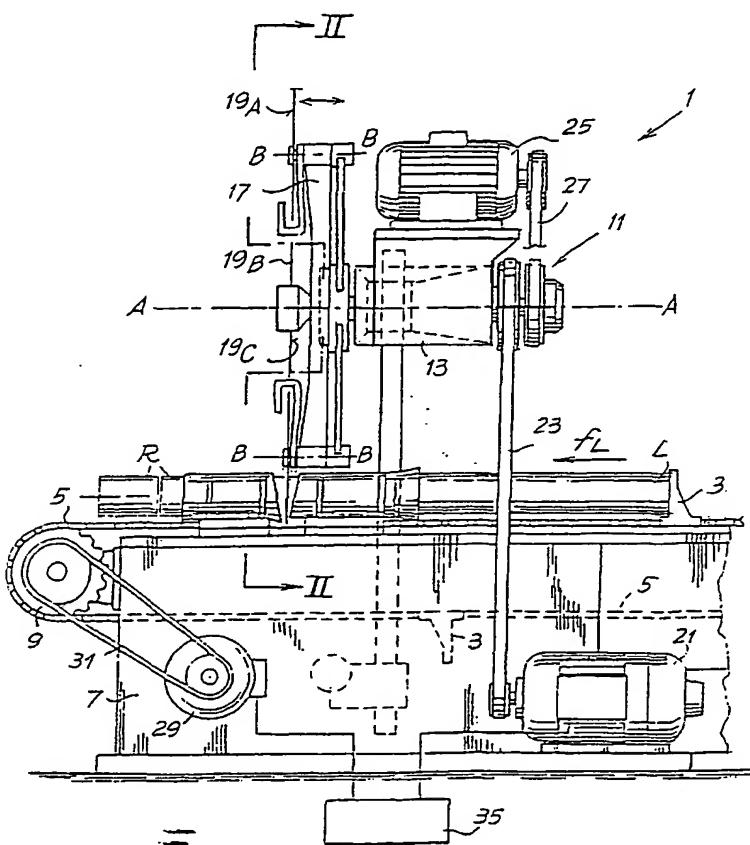
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*[Continued on next page]*

(54) Title: CUTTING MACHINE FOR CUTTING ELONGATED PRODUCTS



(57) **Abstract:** The cutting machine comprises at least one path for the products to be cut (L); at least one device (3, 5, 9) for feed of the products along said path, according to a direction of feed (fL); an element (17) rotating around a main axis of rotation (A-A); on said rotating element, at least one disk-shaped blade (19A, 19B, 19C) rotating around its own axis of rotation (B-B), said blade being provided with alternate translatory motion, substantially parallel to the direction of feed. The disk-shaped blades moves axially in relation to the rotating element during rotation of said rotating element. Moreover, the translatory movement of the disk-shaped blade is controlled so that it moves in the same direction as the direction of feed of the products to be cut when the blade is engaged in said products to follow the feed of the products during cutting. Motion in the opposite direction to the direction of feed of the products is imparted on the blade in a period of time in which the blade is disengaged from said products.

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